

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("20010031324"   "6068026").PN"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:53
S2	12	"20010031324" or "6068026"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:54
S3	12294	428/349 or 428/35.2 or 428/34.9 or 428/209	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:58
S4	656	428/479.4 or 525/179	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:59
S5	12930	S3 or S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:59
S6	1395808	pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:59
S7	53	polar near stabilizer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:59
S8	592	pendant near3 polar	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:59
S9	158839	functional near groups	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 14:59
S10	2	S6 and S7 and S8 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:00
S11	1960	plastic and pipe and (metal adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:48
S12	2035925	aluminum or (stainless adj steel) or copper	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:49
S13	675084	welded or sputtered or galvanically or corrugated	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:49
S14	178802	S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:49

S15	7504	S14 and wetting	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:50
S16	356426	(plasma adj treatment) or abrasion or ablation	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:50
S17	1573	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:50
S18	38	S17 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:50
S19	4610	polar adj functional	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:54
S20	36	S19 near5 polypropylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:54
S21	11	S20 and polyethylene and density	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:55
S22	4	S21 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 15:56
S23	19345	S20 and polyethylene or LDPE	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 16:00
S24	21	S20 and (polyethylene or LDPE)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/10 16:01
S25	5	"6016849"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/19 09:13
S26	4804	polar near functional	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/19 14:08
S27	978	S26 and polyolefin	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/19 14:08
S28	328	S27 and (pipe or tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/19 14:08
S29	4	polar adj functional adj polyolefin	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/19 14:17
S30	2	"20020082352"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/19 14:27

S31	227	organic adj wetting	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/19 15:12
S32	2	S31 near5 filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/19 15:12
S33	27883	filler near5 coat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/19 15:12
S34	2092	S33 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/19 15:12
S35	324	S34 and polar	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/19 15:14
S36	2153	(plastic or thermoplastic) and pipe and (metal adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:45
S37	25	"4632959"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:46
S38	22	"6231936"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:46
S39	18	"5549867"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:47
S40	2042451	aluminum or (stainless adj steel) or copper	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:47
S41	1820	S36 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:47
S42	676703	welded or sputtered or galvanically or corrugated	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:47
S43	705	S41 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:47
S44	355762	multilayer or (multi adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:47
S45	155	S43 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 15:47
S46	267327	metal and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 16:37

S47	1169945	(plasma adj treatment) or abrasion or ablation or cleaning	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 16:37
S48	44935	S46 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 16:37
S49	18735	S48 and (thermoplastic or plastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 16:38
S50	2042451	copper or aluminum or (stainless adj steel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 16:38
S51	12391	S49 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 16:38
S52	1767	S51 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/22 16:39
S53	230149	surface near (modified or treated or treatment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/22 16:45
S54	681	S52 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/22 16:45
S55	13601	UV adj (stabiliser or stabilizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 10:42
S56	16206	sterically adj hindered	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 10:42
S57	1268	S55 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 10:42
S58	139	S57 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 10:43
S59	139	S58 and (phenol or amine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 10:43
S60	3482	filler and (high adj aspect adj ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 11:04
S61	339	S60 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 11:04
S62	183	S61 and (polyolefin or polyethylene or polypropylene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 11:25

S63	6	"5132344"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 11:41
S64	15920	talc and mica and filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 11:42
S65	8586	S64 and diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 11:42
S66	4382	S65 and (particle adj size)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 11:43
S67	1172846	polyolefin or polyethylene or polypropylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 11:46
S68	3579	S66 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 11:46
S69	330	S68 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 13:23
S70	146	S69 and (titanium adj dioxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 14:16
S71	24	S69 and nano filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 14:20
S72	14	S69 and (nanofiller or nano adj filler)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 14:20
S73	504	nanofiller or (nano adj filler)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 14:21
S74	265	S73 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 14:21
S75	31	S74 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/09/23 14:21
S76	836	nanofiller or (nano adj filler)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:23
S77	485	S76 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:23
S78	219	S77 and uniform\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:23

S79	279588	(adhesive or binding) near3 layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:40
S80	66575	S79 and (plastic or thermoplastic) and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:41
S81	803733	anhydride or carboxylic or cyano	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:41
S82	17335	S80 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:42
S83	9338	S82 and unsaturated	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:42
S84	8428	S83 and ethylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:42
S85	1909	S84 and grafted	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:42
S86	293	S85 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:43
S87	13958	S79 near5 metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:44
S88	6856	S87 and (plastic or thermoplastic or ethylene or polyethylene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:44
S89	308	S88 and grafted	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/23 14:44
S90	29699	glycidyl adj methacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:40
S91	3529	polyethylene same S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:41
S92	330	S91 and pipe and (metal or metallic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:41
S93	5158822	metal or metallic near5 (contour or contoured)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:45

S94	232595	S93 and barrier layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:46
S95	19955	S94 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:46
S96	1742	S95 and (convoluted or corrugated or ribbed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:48
S97	601	pendant near3 polar	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/12/12 15:49
S98	4750	polar adj functional	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/12/12 15:49
S99	5275	S97 or S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:49
S100	10	S96 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 15:49
S101	10	"6068026"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 16:03
S102	89320	pipe and (polyolefin or polyethylene or polypropylene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 16:06
S103	5663129	metal or metallic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 16:06
S104	1296459	S103 and (aluminum or (stainless adj steel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 16:07
S105	215494	S103 same (contour or contoured or corrugated or convoluted or rib or ribbed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 16:07
S106	50672	S105 and (aluminum or (stainless adj steel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 16:08

S107	1460	S106 and S102	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/12 16:08
S108	89395	pipe and (polyolefin or polyethylene or polypropylene)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S109	56667398	metal or metallic	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S110	215545	S109 same (contour or contoured or corrugated or convoluted or rib or ribbed)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S111	50677	S110 and (aluminum or (stainless adj steel))	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S112	1460	S111 and S108	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S113	2	S112 and sinusodial	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S114	80	S112 and sinusoidal	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S115	81	S113 or S114	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 11:20
S116	72	S115 and water	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/15 12:52
S117	29717	glycidyl adj. methacrylate	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:25
S118	9395	ethylene same S117	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:25

S119	3531	polyethylene same S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:25
S120	10677	S118 or S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:25
S121	4854	polar adj functional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:25
S122	35	S120 same S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:25
S123	1010	S120 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:32
S124	854	S123 and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 09:36
S125	277225	wetting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 11:21
S126	39158	S125 same metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 11:25
S127	3766	S126 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 11:25
S128	1282592	contour or contoured or corrugated or convoluted or rib or ribbed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 14:47
S129	5985015	(stainless adj steel) or metal or aluminium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 14:48
S130	47885	S128 near5 S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 14:49
S131	8353	S130 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 14:49

S132	194	S131 and sinusoidal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 14:49
S133	115	S132 and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 14:49
S134	3806	S131 and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:05
S135	1681	S134 and (thermoplastic or plastic or polyolefin or polyethylene or polypropylene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:05
S136	122390	barrier adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:06
S137	57	S135 and S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:06
S138	31	"07553"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:08
S139	106	"006872"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:09
S140	2680	claussen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:09
S141	0	S139 and S140	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:09
S142	226	S140 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/16 15:13
S143	17766	corrugated same pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:01

S144	4976	S143 and (thermoplastic or plastic or polyolefin or polyethylene)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:02
S145	1047	S144 and aluminium	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:02
S146	745	S145 and water	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:02
S147	11506	(polymer or plastic or polyolefin or polyethylene or olefin) same wetting same (metal or metallic)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:50
S148	977	S147 and pipe	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:50
S149	866	S148 and water	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:51
S150	497069	water same pipe	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:51
S151	549	S149 and S150	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:51
S152	257384	functional near group	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:53
S153	59	S151 and S152	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 09:53
S154	89426	pipe and (polyolefin or polyethylene or polypropylene)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 12:48
S155	5668526	metal or metallic	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 12:48

S156	215590	S155 same (contour or contoured or corrugated or convoluted or rib or ribbed)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 12:48
S157	50696	S156 and (aluminum or (stainless adj steel))	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 12:48
S158	1461	S157 and S154	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 12:48
S159	2	S158 and sinusodial	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 12:48
S160	7691	hindered near amines	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/12/17 13:08
S161	1816	sterically adj hindered adj amine	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/12/17 13:08
S162	498	S161 and benzoate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/12/17 13:10
S163	171	S161 and S154	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2008/12/17 13:15
S164	625	pendant near3 polar	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/02 16:15
S165	171594	functional near groups	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/02 16:15
S166	56	S164 same S165	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:15
S167	12739	428/349 or 428/35.2 or 428/34.9 or 428/209	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/02 16:16
S168	666	428/479.4 or 525/179	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/02 16:16
S169	13385	S167 or S168	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/02 16:16

S170	2	S166 and S169	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:16
S171	10	S166 and EPDM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:16
S172	29373	filler near5 coat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:55
S173	2224	S172 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:55
S174	355	S173 and polar	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:55
S175	39	S174 and pendant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:55
S176	27	pendant same coat same filler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:57
S177	1	S176 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/02 16:57
S178	12750	428/349 or 428/35.2 or 428/34.9 or 428/209	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:22
S179	666	428/479.4 or 525/179	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:22
S180	13396	S178 or S179	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:22
S181	1478454	pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:22
S182	582	S180 and S181	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:22
S183	3316940	S181 or tube	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:22
S184	2756	S180 and S183	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:22

S185	626	pendant near3 polar	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:23
S186	171914	functional near groups	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:23
S187	56	S185 same S186	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:23
S188	0	S187 and S184	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:23
S189	5	polar adj coated	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:30
S190	0	S189 same fillers	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:31
S191	2477	polar near3 coat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:31
S192	20	S191 same fillers	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:31
S193	4	S192 and S183	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/10 13:31
S194	826594	talc or mica or filler	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/06/10 14:33
S195	2129	S194 same (coat\$4 and polar)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/06/10 14:34
S196	1218436	polyethylene or polypropylene	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/06/10 14:34
S197	274603	S196 and S183	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/06/10 14:35
S198	328	S197 and S195	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/06/10 14:35
S199	29404	filler near5 coat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:47

S200	2225	S199 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:47
S201	355	S200 and polar	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:47
S202	745	polar same coat\$4 same filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:48
S203	1	S202 and S182	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:49
S204	893	polar same coat\$4 same (filler or mica or talc)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:49
S205	1	S204 and S182	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:49
S206	556	S204 and S196	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/10 16:50
S207	21	("3012016"   "3234197"   "3546143").PN. OR ("3962157").URPN.	US-PGPUB; USPAT; USOOR	AND	ON	2009/06/11 08:56
S208	1	"11458927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 09:32
S209	1	S208 and pendant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 09:32
S210	1219235	polyethylene or polypropylene	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2009/06/11 09:40
S211	895	polar same coat\$4 same (filler or mica or talc)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 09:40
S212	557	S211 and S210	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 09:40
S213	262	S212 and hydroxyl	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 09:40
S214	2	"20020082352"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 11:25
S215	1	S214 and (outer or inner)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 11:25

S216	1	"11458927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 13:53
S217	0	S216 and EPM	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 13:53
S218	5500	EPM	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 13:53
S219	1092	S218 same thermoplastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 13:53
S220	1	"06883290"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 13:59
S221	2	"0683290"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/11 13:59
S222	12869	428/349 or 428/35.2 or 428/34.9 or 428/209	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 09:06
S223	668	428/479.4 or 525/179	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 09:06
S224	13517	S222 or S223	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 09:06
S225	1500539	pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 09:06
S226	583	S224 and S225	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:06
S227	618	pendant same polar same functional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:06
S228	14	S227 same filler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:06
S229	2	S228 and S225	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:07
S230	568	multilayer adj pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:18

S231	8360	seamless near5 (metal or steel or aluminum or aluminium)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:19
S232	2	S230 and S231	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:19
S233	1452524	deposit or deposited	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:37
S234	190273	metal near5 S233	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:37
S235	180337	outer adj layer	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:38
S236	874	S234 same S235	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:38
S237	1	contoured same S236	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:38
S238	1	"10597345" and contour \$3	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:40
S239	7	(contoured or corrugated or convoluted) same S236	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 09:42
S240	2	"20020007861"	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 10:02
S241	0	S240 and deposit\$3	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 10:02
S242	2720	138/173 or 428/35.3 or 428/35.8 or 428/35.9	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 10:58
S243	2016	S242 and metal	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 10:58

S244	1553	S243 and (coat\$3 or deposit\$3)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 10:59
S245	675	S244 and (pipe or tube)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 10:59
S246	335508	contoured or corrugated or convoluted	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 10:59
S247	124	S245 and S246	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 11:00
S248	85	S247 and (polymer or thermoplastic)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 11:02
S249	99450	plastic same pipe	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 11:19
S250	591315	deposit\$3 same (metal or aluminum or aluminium or steel)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 11:20
S251	4139	S249 and S250	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 11:20
S252	372	S246 and S251	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 11:20
S253	5275514	heat or heating	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 13:37
S254	420732	S253 same pipe	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 13:37
S255	7027535	metal or aluminum or aluminium or steel	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 13:38
S256	84159	deposit near10 S255	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 13:38

S257	4959103	plastic or thermoplastic or polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 13:39
S258	6993	S257 same S256	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 13:39
S259	243	S258 and S254	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 13:39
S260	6	"6131614"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 14:13
S261	1	"10597345" and contour \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 15:47
S262	1	S261 and wetting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 15:47
S263	2	"20020007861"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 16:31
S264	0	S263 and treatment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 16:31
S265	0	S263 and pretreatment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 16:31
S266	1	S262 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 16:56
S267	58055	polymer adj matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 16:57
S268	2163	S267 same defined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 16:57
S269	384	S267 near5 defined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/13 16:59

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